



BOSS™ 356 Gas Regulator

Data Sheet



General Description

A gas regulator which supplies a preset and constant downstream pressure value (within the intended operating limits) when the inlet pressure and/or flow rate changes. The compensated obturator ensures precision when adjusting the outlet pressure and in the case of high and sudden variations in the inlet pressure.

Codes listed below are specific to range and size criteria..

Size Range

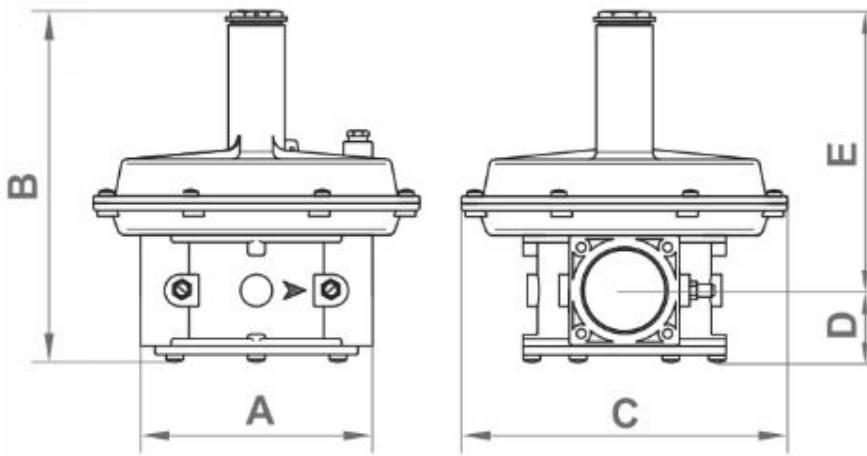
DN15 to DN50 Screwed BSPT
DN65 to DN150 Flanged PN16

Technical Specification

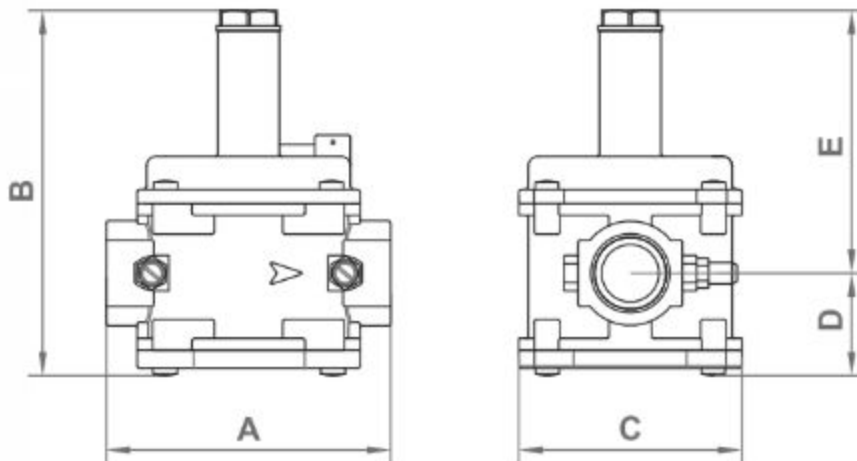
Connections:	Screwed BSPT to EN 10226 (DN15 to DN50) Flanged PN16 to EN 1092-1/ISO 7005 (DN65 to DN150)
Complies to:	Regulation (EU) 2016/426 (appliances burning gaseous fuels)
Maximum inlet pressure range:	200 to 300mbar for 16 to 60 mbar outlet pressure versions 500 mbar for all other versions
Temperature Rating:	DN15 to DN100 -15 to +60 °C; DN125 to DN150 -20 to +60 °C
Mounting Orientation:	Sizes DN15 to DN100 can be mounted horizontally or vertically Sizes DN125 to DN150 can only be mounted vertically
Application:	Class A Group 2 gases

Dimensional Data

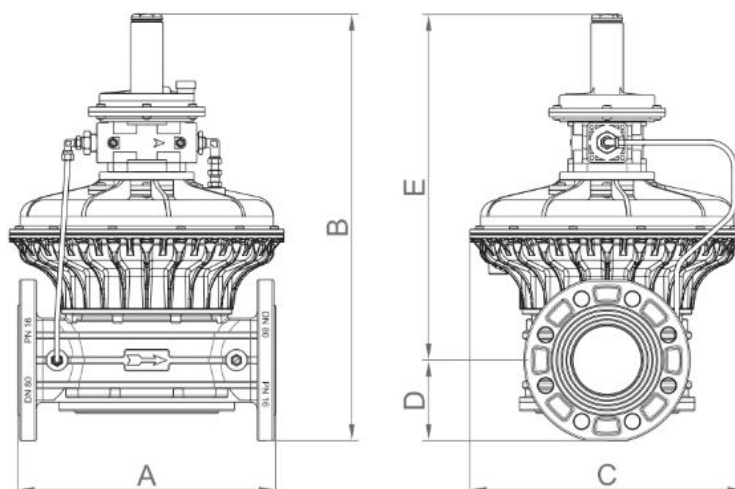
DN15 to DN50



DN15 to DN25 (16 to 60 mbar range only)



DN65 to DN100

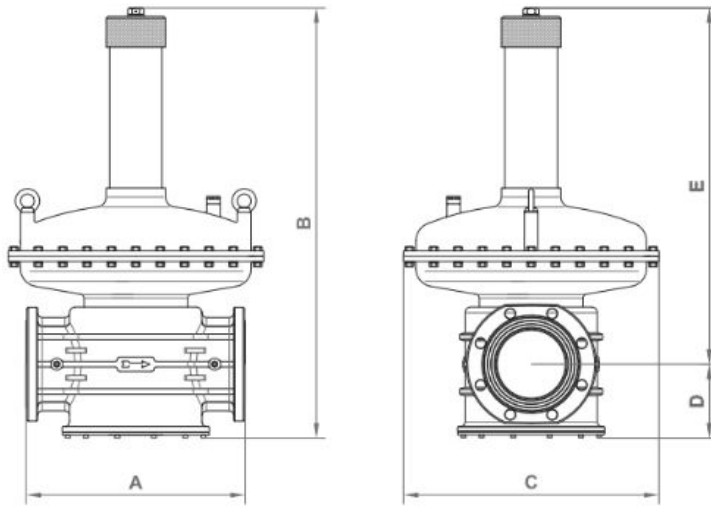


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DN125 to DN150



Product Dimensions

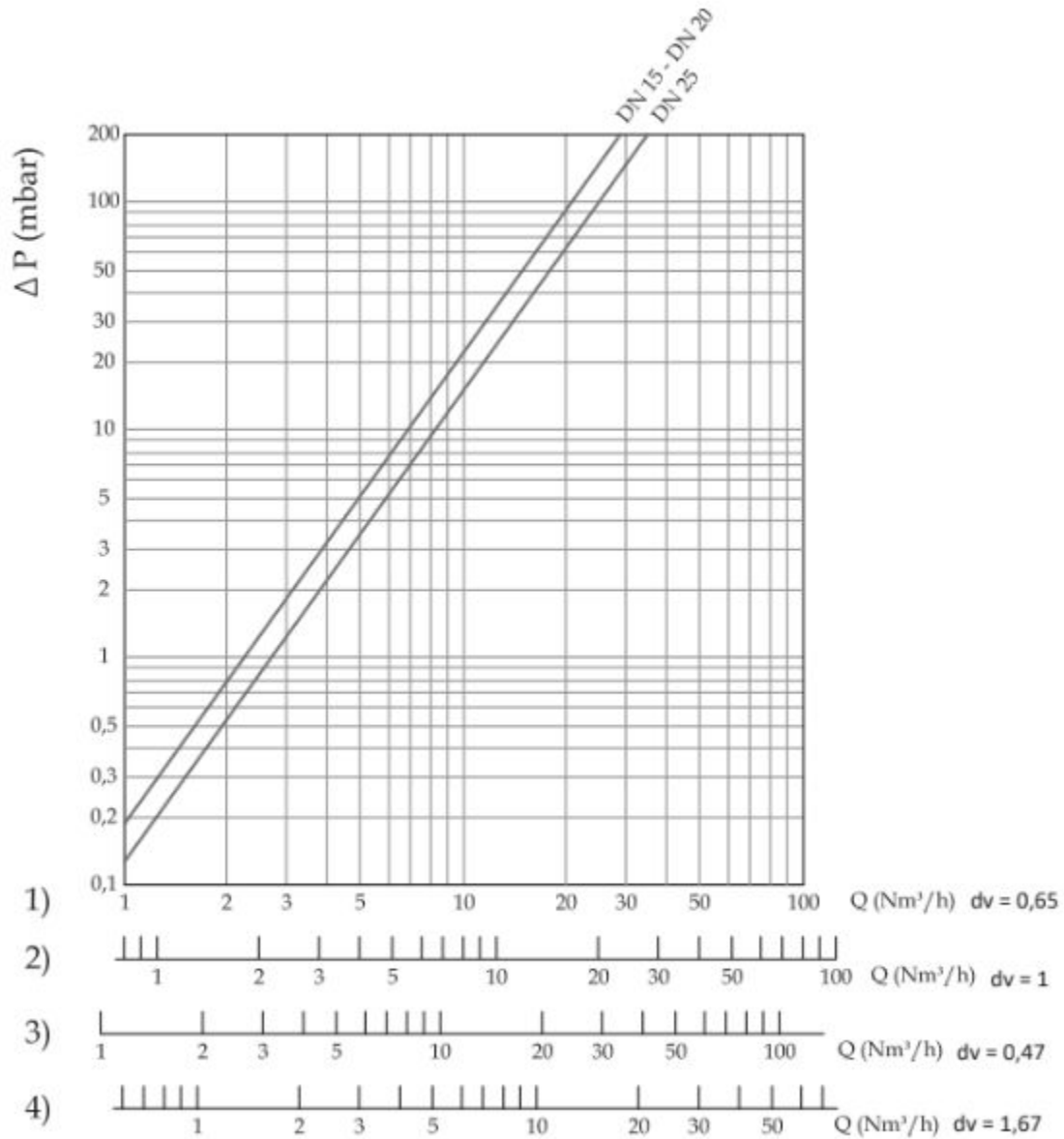
(all dimensions in mm unless otherwise stated)

Size DN	Product Code	Outlet Pressure Range mbar	A	B	C	D	E	Weight (kg)
15	35501205	16 to 60	120	153	94	40.5	111.5	0.8
15	35501216	18 to 40	120	194	140	38.5	155.5	1.44
20	35501227	16 to 60	120	153	94	40.5	111.5	0.8
20	35501238	18 to 40	120	194	140	38.5	155.5	1.42
25	35501249	16 to 60	120	153	94	40.5	111.5	0.82
25	35501260	18 to 40	120	194	140	38.5	155.5	1.4
32	35501271	13 to 23	160	242	225	48.5	193.5	3.6
40	35501282	13 to 23	160	242	225	48.5	193.5	3.6
50	35501293	13 to 23	160	242	225	48.5	193.5	3.6
65	35501301	13 to 27	290	508	330	90	418	14
80	35501312	13 to 27	310	515	330	97	418	14.5
100	35501323	15 to 27	350	551	330	106	445	19.5
125	35501334	15 to 30	480	985	560	178	807	91
150	35501345	15 to 30	480	985	560	178	807	91

Lines shaded in grey indicate stocked at Magna Park

Capacity Chart

Chart for 16 to 60 mbar outlet pressure models only



Calculated with $P_1 = 50$ mbar and regulator set out of service

Key: 1 Methane

2 Air

3 Town Gas

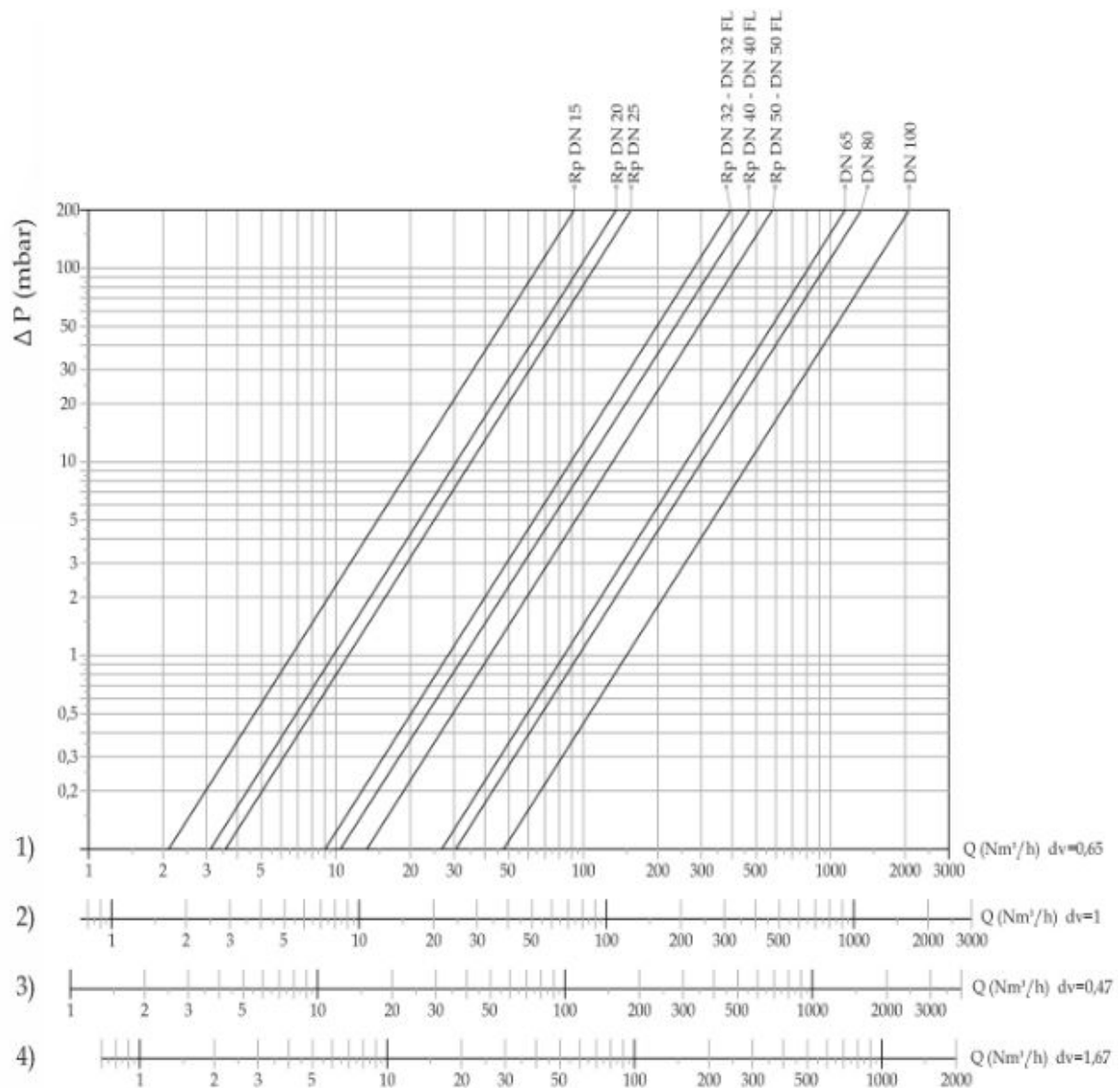
4 LPG

Nm³/h = Normal cubic meter per hour

d_v = density relative to the air

Capacity Chart

Chart for DN15 to DN25 (18 to 40 mbar models only) & DN32 to DN100



Calculated with $P_1 = 50$ mbar and regulator set out of service

Key: 1 Methane

2 Air

3 Town Gas

4 LPG

Nm^3/h = Normal cubic meter per hour

dv = density relative to the air

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BOSS™, BOSS Court, 7 Barton Close, Grove Park, Leicester LE19 1SJ.

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Capacity Chart

Chart for DN125 to DN150

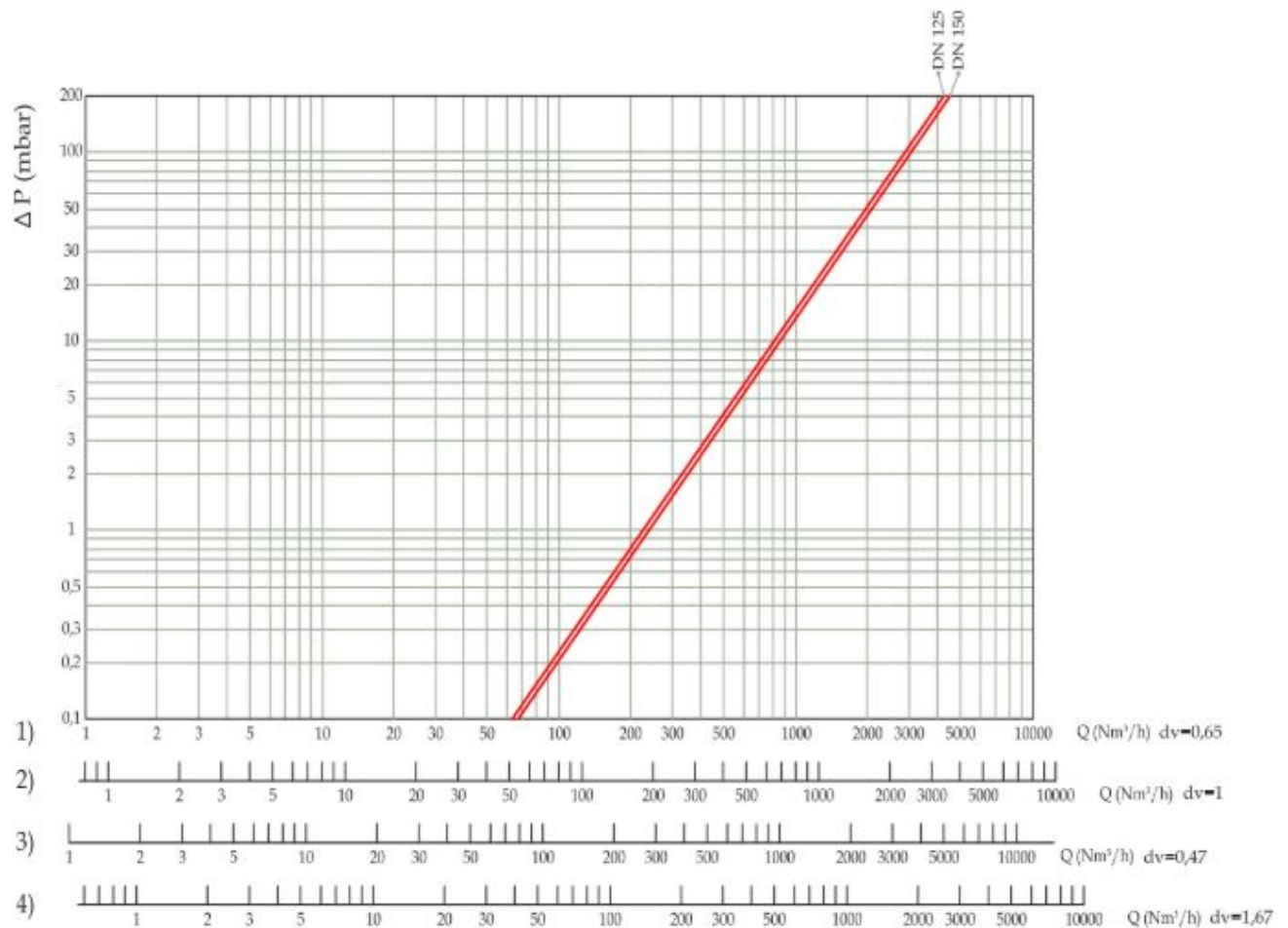


Chart calculated with $P1 = 50$ mbar and regulator set out of service

Key: 1 Methane

2 Air

3 Town Gas

4 LPG

Nm^3/h = Normal cubic meter per hour

dv = density relative to the air

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